List of Patents and Publications for Applicant's

MAXC:008USC1

Serial No. 09/707,928

Applicant

John W. Holaday et al.

Atty. Docket No.

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
P ^	A1	2001/0001064	5/10/01	Holaday	435	173.6	12/14/00
1	A2	2,955,076	10/4/60	Gossling			10/4/56
	A3	3,676,325	7/11/72	Smith_et_al.	204	288	6/8/10
	A4	4,075,076	2/21/78	Xylander	204	206	9/70/75
	A5	4,081,340	3/28/78	Zimmermann et al.	204	180	1/25/77
	A6	4,192,869	3/11/80	Nicolau et al.	424	199	10/17/78
	A 7	4,252,628	2/24/81	Boulton et al.	204	257	2/23/78
	A8	4,321,259	3/23/82	Nicolau et al.	424	101	3/22/79
	A9	4,440,386	4/3/84	Achelpohl	271	70	3/4/82
	A10	4,473,563	9/25/84	Nicolau et al.	424	224	11/2/81
	A11	4,476,004	10/9/84	Pohl	204	299	10/26/83
	A12	4,478,824	10/23/84	Franco et al.	424	101	8/8/83
	A13	4,622,302	11/11/86	Sowers	435	17/2.2	8/9/84
1	A14	4,652,449	3/24/87	Ropars et al.	424	01	10/27/83
	A15	4,663,292	5/5/87	Wong et al.	435	287	
	A16	4,695,547	9/22/87	Hilliard et al.	435	173	4/2/86
	A17	4,699,881	10/13/87	Matschke	435	173	6/4/86
	A18	4,752,586	6/21/88	Ropars et al.	435	287	11/20/86
	A19	4,764,473	8/16/88	Matschke et al.	435	287	11/4/86
	A20	4,784,737	11/15/88	Ray et al.	204	180.1	4/18/86
	A21	4,800,163	1/24/89	Hibi et al.	435	287	12/15/87
	A22	4,804,450	2/14/89	Mochizuki et al.	204	299	12/10/86
	A23	4,822,470	4/18/89	Chang	204	299	10/9/87

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
101	A24	4,840,714	6/20/89	Littlehales	204	180.1	5/13/87
	A25	4,849,089	7/18/89	Marshall, III	204	299	2/21/89
	A26	4,849,355	7/18/89	Wong	435	172.3	12/30/87
	A27	4,874,690	10/17/89	Goodrich, Jr. et al.	435	2	8/26/88
	A28	4,882,281	11/21/89	Hilliard et al.	435	287	8/26/86
	A29	4,906,576	3/6/90	Marshall, III	435	287	5/8/87
	A30	4,910,140	3/20/90	Dower	435	172.3	4/1/8/88
	A31	4,923,814	5/8/90	Marshall, III	435	173	4/26/89
	A32	4,931,276	6/5/90	Franco et al.	424	533	8/13/89
	A33	4,945,050	7/31/90	Sanford et al.	435	172.1	11/13/84
	A34	4,946,793	8/7/90	Marshall, III	435	291	12/12/88
	A35	4,956,288	9/11/90	Barsoum	435	172.3	4/22/88
1	A36	4,970,154	11/13/90	Chang	435	172.2	8/30/88
	A37	4,995,957	2/26/91	Ziegler et al.	204	182.	5/9/88
1	A38	5,007,995	4/16/91	Takahashi et al.	204	299	5/11/89
1	A39	5,036,006	7/30/91	Sanford et al.	435	1/70.1	8/17/89
1	A40	5,043,261	8/27/91	Goodrich et al.	435	/ 2	6/2/89
	A41	5,098,843	3/24/92	Calvin	435	287	7/9/90
	A42	5,100,627	3/31/92	Buican et al.	422	108	11/30/89
	A43	5,100,792	3/31/92	Sanford et al.	435	172.1	1/24/89
1 /	A44	5,114,681	5/19/92	Bertoncini et al.	42/2	111	3/9/90
X).	A45	5,124,259	6/23/92	Tada	435	172.1	8/22/90
77	A46	5,128,257	7/7/92	Baer	/435	173	8/31/87

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
D ~	A47	5,134,070	7/28/92	Casnig	435	173	10/30/90
-yu	A48	5,135,667	8/4/92	Schoendorfer	210	782	6/14/90
	A49	5,137,817	8/11/92	Busta et al.	435	173	10/5/90
	A50	5,139,684	8/18/92	Kaali et al.	210	748	11/16/90
	A51	5,232,856	8/3/93	Firth	435	287	7/30/90
	A52	5,424,209	6/13/95	Kearney	435	284	3/19/93
	A53	5,501,662	3/26/96	Hofmann	604	20	9/12/94
	A54	5,545,130	8/13/96	Hofmann et al.	604	4	10/12/94
	A55	5,612,207	3/18/97	Nicolau et al.	435	173/6	3/23/94
	A56	5,676,646	10/14/97	Hofmann et al.	604	/4	3/14/96
	A57	5,720,921	2/24/98	Meserol	424	44	3/10/95
1	A58	5,728,281	3/17/98	Holmström et al.	204	403	11/13/96
1/	A59	6,074,605	6/13/00	Meserol et al.	422	33	3/11/96
7/	A60	6,090,617	7/18/00	Meserol	435	285.2	12/5/96
-V	A61	6,485,961 B1	11/26/02	Meserol	475	285.2	7/18/00

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
P	B1	AU 680890	10/11/94	Austria			
1	B2	CA 2,214,800	2/22/02	Canada			
	В3	CN 1195997	10/14/98	China			
	B4	DE 2405119	9/4/75	Germany			Abstract
11/	B5	DE 3603029	8/6/87	Germany			Abstract

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(B)	B6	DE 4440386	5/15/96	Germany			
	В7	EP 0137504	4/17/85	Europe			
	В8	EP 0343783	11/29/89	Europe			
	B9	EP 0362758	4/11/90	Europe			/
	B10	EP 0472772	3/4/92	Europe			
	B11	EP 0798309	10/1/97	Europe			
	B12	JP 1141582	6/2/89	Japan			Abstract
	B13	JP 2131584	5/21/90	Japan			Abstract
	B14	JP 2131585	5/21/90	Japan			Abstract
	B15	JP 2186993	7/23/90	Japan			Abstract
	B16	JP 3195485	8/27/91	Japan			Abstract
	B17	JP 4027393	1/30/92	Japan			Abstract
7	B18	JP 62151174	7/6/87	Japan		7	Abstract
T -	B19	JP 62171687	7/28/87	Japan		<i>J</i>	Abstract
T	B20	JP 62228277	10/7/87	Japan			Abstract
	B21	JP 62265975	11/18/87	Japan			Abstract
	B22	JP 63141587	6/14/88	Japan			Abstract
	B23	JP 6349068	12/22/94	Japan			Abstract
	B24	JP 7180029	7/18/95	Japan	T		Abstract
	B25	JP 7320720	12/8/95	Japan			Abstract
	B26	WO 01/24830	4/12/01	PCT			
	B27	WO 88/04322	6/16/88	PCT			
	B28	WO 89/02464	3/23/89	PCT	l (

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101	B29	WO 89/03426	4/20/89	PCT			
	B30	WO 91/18103	11/28/91	PCT			
- 1	B31	WO 94/21117	9/29/94	PCT			
7	B32	WO 96/28199	3/11/96	PCT			
	B33	WO 98/24490	6/11/98	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
B	C1	"Advanced Coatings for the Medical Industry," Multi-Arc Scientific Coatings, Copyright © Andal Corp.
	C2	"Biological Buffers," In: <i>The Biological Engineering Handbook</i> , Bronzino (ed.), CRC Press, pp. 1650, c1995.
	C3	"Ion Bond® 16 Zirconium Nitride Coating," Multi-Arc, Inc., 1996.
	C4	"Ion Bond® 17 Titanium Aluminum Nitride Coating," Multi-Arc, Inc., 1995.
	C5	"Ion Bond® 19 Chromium Nitride Coating," Multi-Arc, Inc., 1995.
	C6	"Ion Bond® Coatings for Instruments, Design Considerations," Multi-Arc, Inc., 1995.
	C7	"Ion Bond® Coatings for Instruments, Most Commonly Asked Questions," Multi-Arc, Inc., 1995.
	C8	"Preparation of certain reagents, anticoagulants and preservative solutions," In: <i>Practical Haematology</i> , 5 th Edition, Dacie and Lewis (eds.), Appendicies, pp.598, 1975
	C9	"The Ion Bond Network," Multi-Arc, Inc., 1995.
	C10	Abatti et al., "Development of a new geometrical form of micropipette: electrical characteristics and an application as a potassium ion selective electrode," <i>IEEE Trans. Biomed. Eng.</i> , 39:43-48, 1992.

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EXAMINER:

DATE CONSIDERED:

Form PTO-1449 (modified)		Atty. Docket No.	Serial No.
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Exam. Init.	Ref. Des.	Citation
p	C11	Asakami et al., "Materials for electrode of alkali metal thermoelectric converter (AMTEC) (II)," J. Mater. Sci. Lett., 9(8):892-894, 1990.
	C12	Behrndt and Lunk, "Biocompatibility of TiN preclinical and clinical investigations," Materials Sciences-& Engineering, A139:58-60, 1991.
	C13	Capizzi et al., "Amifostine mediated protection of normal bone marrow from cytotoxic chemotherapy," Cancer, 72:3495-3501, 1993.
	C14	Chassy et al., "Transformation of bacteria by electroporation," Trends in Biotechnology, 6(12):303-309, 1988.
	C15	Coll et al., "Metallurgical and Tribological modification of titanium and titanium alloys by plasma assisted techniques," Workshop H Society for Biomaterials Implat Retrieval Symposium, September 17, 1992.
\top	C16	Dunican and Shivnan, "High frequency tranformation of whole cells of amino acid producing coryneform bacteria using high voltage electroporation," <i>Bio/Technology</i> , 7:1067-1070, 1998.
	C17	Egorov and Noikova, "Effect of phase composition of TiN-Ni sintered electrode materials of characteristics of the ESA process," Sov. Powder Metall Met. Ceram., 29(9):705-710, 1991.
	C18	Einck and Holaday, "Enhancement of tissue oxygenation by intracellular introduction of inositol hexaphosphate by flow electroporation of red blood cells," In: Tissue Oxygenation in Acute Medicine (Update in Intensive Care and Emergency Medicine, 33), Sibbald et al., (eds.), pp. 357-374, c1998.
	C19	Gersonde and Nicolau, "Enhancement of the O ₂ release capacity and of the Bohr-effect of human red blood cells after incorporation of inositol hexaphosphate by fusion with effector-containing lipid vesicles," In: Origins of Cooperative Binding by Hemoglobin, 277-282, 1982.
	C20	Gersonde and Nicolau, "Improvement of the red blood cell O ₂ release capacity by lipid vesicle-mediated incorporation of inositol hexaphosphate," <i>Blut</i> , 39:1-7, 1979.
	C21	Gersonde and Nicolau, "Modification of the oxygen affinity of intracellular haemoglobin by incorporation of polyphosphates into intact red blood cells and enhanced O ₂ release in the capillary system," <i>Biblthca Haemat.</i> , 46:81-92, 1980.
V	C22	Gersonde and Weiner, "The influence of infusion rate on the acute intravenous toxicity of phytic acid, a calcium-binding agent," <i>Toxicology</i> , 22:279-286, 1982.

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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B	C23	Hirai et al., "A new antitumor antibiotic, FR-900482" J. of Antibiotics, 40/5:607-611, 1987.
	C24	Hofmann and Evans, "Eletronic genetic—physical and biological aspects of cellular electromanipulation," <i>IEEE Engineering in Medicine and Biology Magazine</i> , 6-11, 19-22, 1986.
	C25	Kinosita and Tsong, "Voltage-induced conductance in human erythrocyte membranes," Biochimica et Biophysica Acta, 554:479-497, 1979.
	C26	Kobayashi et al., "Fabrication of zirconim nitride sintered bodies and the application for electrode materials," J. Ceram. Soc. Jpn., 97(10):1189-1194, (with English summary), 1989.
	C27	Kullmann et al., "In vitro effects of pentoxifylline on smooth muscle cell migration and blood monocyte production of chemotactic activity for smooth muscle cells: potential therapeutic benefit in the adult respiratory distress syndrome," Am J. Respir. Cell, 8:83-88, 1993.
	C28	Kurtz and Gordon, "Transparent conducting electrodes on silicon," Sol. Energy Mater., 15(4):229-236, 1987.
	C29	Lehninger (ed.), In: Principles of Biochemistry, Chapter 8: 181-194, 1982.
	C30	Maurer et al., "Reduction of fretting corrosion of Ti-6A1-4V by various surface treatments," J. Orthop. Res., 11:865-873, 1993.
\Box	C31	Merz et al., "Determination of HIV infection in human bone," Unfallchirurg, 941:47-49, (with English summary), 1991.
	C32	Mouneimne et al., "Stable rightward shifts of the oxyhemoglobin dissocation curve induced by encapsulation of inositol hexaphosphate in red blood cells using electroporation," FEBS Letters, 275:117-120, 1990.
T	C33	Narayan et al., "Diamond, diamond-like and titanium nitride biocompatible coatings for human body parts," Materials Sciences & Engineering, B25:5-10, 1994.
	C34	Nicolau et al., "Incorporation of allosteric effectors of hemoglobin in red blood cells. Physiological effects," Biblthca haemat., 51:92-107, 1985.
	C35	Nicolau et al., "Short- and long-term physiological effects of improved oxygen transport by red blood cells containing inositol hexaphosphate," In: Phytic Acid: Chemistry and Applications, Graf (ed.), Chapter 16:265-290, 1986.
7	C36	Pietra et al., "Titanium nitride as a coating for surgical instruments used to collect human tissue for trace metal analysis," Analyst, 115:1025-1028, 1990.

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Examiner: Date Considered: 9/5/8

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Exam. Ref. Init. Des.		Citation			
19	C37	Ropars et al., "Improved oxygen delivery to tissues and iron chelator transport through the use of lysed and resealed red blood cells: a new perspective on cooley's anemia therapy," Annals New York Academy of Sciences, 445:304-315, 1985.			
	C38	Satomi et al., "Tissue response to implanted ceramic-coated titanium alloys in rats," J. Oral Rehab., 15:339-345, 1988.			
	C39	Schaldach et al., "Pacemaker electrodes made of titanium nitride," Biomed. Technik., 34:185-190, 1989, with English abstract.			
	C40	Shoji et al., "New fabrication process for Josephson tunnel junctions with (niobium nitride niobium) double-layered electrodes," Appl. Phys. Lett., 41(11):1097-1099, 1982.			
	C41	Susuki, "Biomedical electrode with silicon nitride film," Jpn. J. Med. Electron. Biol., 19(2):114-119, (with English summary), 1981.			
	C42	Taheri et al., "A dry electrode for EEG recording," Electroencephalography and Clinical Neurophysiology, 90(5):376-383, 1994.			
	C43	Tait and Aita, "Aluminum nitride as a corrosion protection coating for steel: self-sealing porous electrode model," <i>Surf. Eng.</i> , 7(4):327-330, 1991.			
	C44	Teisseire et al., "Physiological effects of high-P ₅₀ erythrocyte transfusion on piglets," J. Appl. Phys., 58:1810-1817, 1985.			
1	C45	Teisseire et al., "Significance of low hemoglobin oxygen affinity," 153-159, ??			
	C46	Teissere et al., "Long-term physiological effects of enhanced O ₂ release by inositol hexaphosphate-loaded erythrocytes," Proc. Natl. Acad. Sci., USA, 84:6894-6898, 1987.			
	C47	Therin et al., "A histomorphometric comparison of the muscular tissue reaction to stainless steel, pure titanium and titanium alloy implant materials," J. Materials Science: Materials in Medicine, 2:1-8, 1991.			
	C48	Vasilenko et al., "Preparation of porous electrodes from titanium nitrides," Poroshkovaia Metallurgiia, 13:39-42, 1973, article in Russian, (with English summary).			
	C49	Weiner, "Right shifting of Hb-O ₂ dissociation in viable red cells by liposomal technique," <i>Biol. of the Cell</i> , 47:65-70, 1983.			
	C50	Weisel et al., "Adverse effects of transfusion therapy during abdominal aortic aneurysectomy," Surgery, 83:682-690, 1978.			

Examiner:	Dir	DATE CONSIDERED:	9/15/03
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INFORMATION DISCLOSURE STATEMENT

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Exam. Init.	Ref. Des.	Citation
P	C51	Wisbey et al., "Application of PVD TiN coating to Co-Cr-Mo based surgical implants," Biomaterials, 8:477-480, 1987.
	C52	Wisbey et al., "Titanium release from TiN coated implant materials," ImechE, C384/042:9-14, 1989.
	C53	Zhao et al., "Direct current (dc)-plasma CVD equipment with auxiliary heating electrodes," Vacuum, 42(17):1109-1111, 1991.
	C54	Zhu et al., "Fabrication and characterization of glucose sensors based on a microarray hydrogen peroxide electrode," Biosensors and Bioelectronics, 9(4-5):295-300, 1994.

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DATE CONSIDERED: